| Please type a plus sign (+) inside this box | <b>—</b> ₽ |
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| PTO/SB/05 Revised (11-0 |
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| UTILITY            |
|--------------------|
| PATENT APPLICATION |
| TRANSMITTAL        |

| Allomey Docket No. |        | NO.  | 29953-187825           |         |
|--------------------|--------|------|------------------------|---------|
| First In           | ventor | MIL  | LER et al.             |         |
| Title              | BLOW C | YLIN | DER WITH FLUID CUSHION | <br>' [ |

| <b>:</b>   | IL/WIASIAIIII  | <b>₹\</b> L               | Title  |   |                            |                                   |                               |     |  |  |
|--|--|---------------------------|--|---|----------------------------|-----------------------------------|-------------------------------|-----|--|--|
| (Only for n  | new nonprovisional applications un   |                           |  |   |                            |                                   |                               |     |  |  |
| APPLICATION ELEMENTS  ADDRESS TO:  Commissioner for Patents Box Patent Application |  |                           |  |   |                            |                                   |                               |     |  |  |
| See MPEP o   | chapter 600 concerning utility pate  | nt application contents.  |  | אטט   | ESS 10:                    |                                   | Application<br>VA 22313-1450  | 705 |  |  |
|  | Fee Transmittal Form (e.g., PT   | ,                         | 7  |   |                            |                                   | ate, large table or           | 7   |  |  |
| 2. 🔲 🗡   | (Submit an original and a duplicate for fee processing)  Applicant claims small entity status.  Solution and the image of the processing o |                           |  |   |                            |                                   |                               |     |  |  |
| _  | See 37 CFR 1.27. (if applicable, all necessary)  Specification [Total Pages 25] a. Computer Readable Form (CRF)  |                           |  |   |                            |                                   |                               |     |  |  |
| (  | (preferred arrangement set forth below)  b. Specification Sequence Listing on:   |                           |  |   |                            |                                   |                               |     |  |  |
| -  | Descriptive title of the Invention<br>Cross References to Related App  | lications                 |  | i. ☐ CD-ROM or CD-R (2 copies); or<br>ii. ☐ paper   |                            |                                   |                               |     |  |  |
|  | Statement Regarding Fed sponso<br>Reference to sequence listing, a t   |                           | c. Statements verifying identity of above copies |   |                            |                                   |                               |     |  |  |
|  | or a computer program listing app<br>Background of the Invention   | endix                     | ACCOMPANYING APPLICATIONS PARTS                  |   |                            |                                   |                               |     |  |  |
| -  | Brief Summary of the Invention<br>Brief Description of the Drawings  | ( if filed)               |  | . 🗆   |                            |                                   | er sheet & document(s))       |     |  |  |
| -  | Detailed Description Claim(s)  | , <i>II</i> 1.1.00)       | 10   | ). 🗌  |                            | 3.73(b) Statem<br>e is an assigne |                               |     |  |  |
|  | Abstract of the Disclosure   |                           | 11   | ı. 🔲  | English Tra                | ınslation Docu                    | ment (if applicable)          |     |  |  |
|  |  |                           | ]   12<br>]                                      | 2. 🗆  | Information<br>Statement ( | Disclosure<br>(IDS)/PTO-144       | Copies of IDS Citations       |     |  |  |
| _  | Newly executed (original or o  | المحضنا                   | 13   | 3. 🔲  | •                          | Amendment                         |                               |     |  |  |
| b. 🗌   | Copy from a prior application  |                           | 1  | l. 🛛  |                            | eipt Postcard                     |                               |     |  |  |
|  | (for a continuation/divisional   | •                         | ) 15   | (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Request and Certification under 35 U.S.C. 122 |                            |                                   |                               |     |  |  |
| 1. ⊑   | JELETION OF INVENTO<br>Signed statement attached delet   | ing inventor(s)           | 16   |   |                            |                                   |                               |     |  |  |
|  | named in the prior application, s 1.63(d)(2) and 1.33(b).  | ee 37 CFR                 | ``   | (b)(2)(B)(i). Applicant must attach form PTO/SB/35  |                            |                                   |                               |     |  |  |
| 6. 🛛 Apr   | olication Data Sheet. See 37 (   | CFR 1.76                  | 17   | ·. 🗆  | or its equiva<br>Other:    |                                   |                               |     |  |  |
| 6a □ Prio  | ority is claimed under the provi   | sions of 35 U.S.C. & 11   |  |   |                            | _                                 |                               |     |  |  |
|  | filed inon   |                           | ٦  |   |                            |                                   |                               |     |  |  |
|  | filed inon   |                           | ŀ  |   |                            |                                   |                               |     |  |  |
| 18. If a CON   | TINUING APPLICATION, check   | appropriate box, and sup  | ply the  | requisit  | e information              | below and in a                    | preliminary amendment.        |     |  |  |
| or in an App   | olication Data Sheet under 37 Cl   | FR 1.76:                  |  |   |                            |                                   | •                             |     |  |  |
| ☐ Conti<br>Prior app   | nuation Divisional Divisional Divisional   | ☐ Continuation-in-p       | art (CIP)  | )   |                            | r application No / Art Unit:      |                               |     |  |  |
| For CONTIN   | IUATION or DIVISIONAL APPS of the divining the divining to the divining the divinin | nly: The entire disclosur | e of the   | prior a   | oplication, fro            | m which an oa                     | th or declaration is supplied |     |  |  |
| The incorpo  | pration <u>can only</u> be relied upon v   | then a portion has been   | inadver  | tently o  | mitted from t              | on and is nered<br>he submitted a | pplication parts.             |     |  |  |
|  |  | 20. CORRESPO              | ONDEN  | ICE AD  | DRESS                      |                                   |                               |     |  |  |
|  |  | *26                       | 69 <sup>2</sup>                                  | <b>4</b> *  |                            | or 🗆 Com                          | respondence address below     |     |  |  |
| ⊠ Custon   | ner Number or Bar Code Label   |                           | 694  | 1   |                            |                                   |                               |     |  |  |
|  |  | PATENT TRAI               |  | OFFICE  |                            |                                   | _                             |     |  |  |
| Name   | VENABLE  |                           |  |   |                            |                                   |                               |     |  |  |
| Address  | P.O. Box 34385   |                           |  |   |                            |                                   |                               |     |  |  |
| City   | Washington State   |                           |  |   |                            | Zip Code                          | 20043-9998                    |     |  |  |
| Country  | U.S.A  | Telephone                 | 202  | 202-344-4000  |                            |                                   | 202-344-8300                  |     |  |  |
| Name (Pri  | int/Type) Keith G. Hadd  | away / //                 | Regi   | stration  | No. (Attorne               | ey/Agent)                         | 46,180                        |     |  |  |
| Signature  | Ketal  | > trable                  | >  |   |                            | Date                              | December 12, 2003             |     |  |  |
| 508467 v1 - 29953-187825 GPAHAM Utility Transmitital                               |  |                           |  |   |                            |                                   |                               |     |  |  |

#508467 v1 - 29953-1878 PC Docs No. 508467v1



Approved for use through 10/31/2002. OMB 0651-0032

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## **FEE TRANSMITTAL** for FY 2003

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

| Application Number   | N/A               |  |
|----------------------|-------------------|--|
| Filing Date          | December 12, 2003 |  |
| First Named Inventor | MILLER et al.     |  |
| Examiner Name        | N/A               |  |
| Group / Art Unit     | N/A               |  |
|                      | 20052 197925      |  |

| $\overline{}$  |                      |                                      |                      |  |   |        | <u> </u>        |             |  |             |  |             |
|--|----------------------|--------------------------------------|----------------------|--|---|--------|-----------------|-------------|--|-------------|--|-------------|
| METHOD OF PAYMENT (check one)  |                      |                                      |                      |  | FEE CALCULATION (continued)                       |        |                 |             |  |             |  |             |
| 1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: |                      |                                      |                      |  | ITIONAL<br>Large<br>Entity                        | . FEES | Small<br>Entity |             |  |             |  |             |
| Depo<br>Acco   |                      | 22-02                                | 61                   |  |   |        | Fee<br>Code     | Fee<br>(\$) | Fee<br>Code  | Fee<br>(\$) | Fee Description  | Fee<br>Paid |
| Numi   | ber                  | 1                                    |                      |  |   |        | 1051            | 130         | 2051   | 65          | Surcharge - late filing fee or oath  |             |
| Deposit 1  |                      |                                      |                      |  | 1052  | 50     | 2052            | 25          | Surcharge - late provisional filing fee<br>or cover sheet. |             |  |             |
| Acco   |                      | VENA                                 | BLE LL               | P  |   |        | 1053            | 130         | 1053   | 130         | Non-English specification  |             |
| Name<br>Name   | -                    |                                      |                      |  |   |        | 1812            | 2,520       | 1812   | 2,520       | For filing a request for reexamination   |             |
| l _'   | Under 37             | ny Addition<br>CFR 1.16<br>claims sn | and 1.1              | 17   |   |        | 1804            | 920*        | 1804   | 920*        | Requesting publication of SIR prior to Examiner action                           |             |
|  | See 37 (             |                                      |                      | y status.                                      |   |        | 1805            | 1,840*      | 1805   | 1,840*      | Requesting publication of SIR after<br>Examiner action                           |             |
| ۷. اکتا  | rayiile              | III EIICIOS                          | eu.                  |  |   |        | 1251            | 110         | 2215   | 55          | Extension for reply within first month   |             |
| ⊠ (  | Check                | ☐ Cre                                | dit card             | ☐ Money<br>Order                               | ☐ Other   |        | 1252            | 420         | 2252   | 210         | Extension for reply within second month  |             |
|  |                      |                                      | FEE C                | ALCULATION                                     |   |        | 1253            | 950         | 2253   | 475         | Extension for reply within third month   |             |
| 1. E   | BASIC FI             | LING FEI                             |                      |  |   |        | 1254            | 1,480       | 2254   | 740         | Extension for reply within fourth month  |             |
| Large  | Entity               |                                      | Entity               |  |   |        | 1255            | 2010        | 2255   | 1005        | Extension for reply within fifth month   |             |
| Fee<br>Code  | Fee                  |                                      | Fee                  | Fee Description                                |   |        | 1401            | 330         | 2401   | 165         | Notice of Appeal   |             |
| 1001   | ( <b>\$</b> )<br>770 |                                      | ( <b>\$</b> )<br>385 | I Hiliby filing for                            | Fee Paid  | 7      | 1402            | 330         | 2402   | 165         | Filing a brief in support of an appeal   |             |
| 1001   |                      |                                      |                      | Utility filing fee                             | 770   | 4      | 1403            | 290         | 2403   | 145         | Request for oral hearing   |             |
| 1003   | 530                  | 2003                                 | 170<br>265           | Design filing fee<br>Plant filing fee          |   | }      | 1451            | 1,510       | 1451   | 1,510       | Petition to institute a public use proceeding                                    |             |
| 1004   |                      |                                      | 385                  | Reissue filing fee                             | ·   | _      | 1452            | 110         | 2452   | 55          | Petition to revive - unavoidable   | -           |
| 1005   | 160                  | 2005                                 | 80                   | Provisional filling                            | fee   | ╛      | 1453            | 1,330       | 2453   | 665         | Petition to revive - unintentional   |             |
|  |                      | 211                                  | ВТОТА                | 1 (4)  | (e) 770   | _      | 1501            | 1,330       | 2501   | 665         | Utility issue fee (or reissue)   |             |
|  |                      | 30                                   | BIOIA                | - (1)  | (\$) 770  |        | 1502            | 480         | 2502   | 240         | Design issue fee   |             |
| 2. EXTR  | RA CLAI              | M FEES                               |                      |  |   |        | 1503            | 640         | 25403  | 320         | Plant issue fee  |             |
|  |                      |                                      |                      |  | ee from Fee                                       |        | 1460            | 130         | 1460   | 130         | Petitions to the Commissioner  |             |
| Total Claim  | ns 30                | -20                                  | ** =                 |  | elow Paid<br>18 = 180                             | _      | 1807            | 50          | 1807   | 50          | Processing fee under 37 CFR 1.17 (q)   |             |
| Independen<br>Claims   |                      | -3                                   |                      |  | 86 = 0  | Ĭ      | 1808            | 180         | 1808   | 180         | Submission of Information Disclosure Stmt  |             |
| Multiple<br>Dependent  | 1                    |                                      |                      | ×  | = 0   |        | 8021            | 40          | 8021   | 40          | Recording each patent assignment<br>per property (times number of<br>properties) |             |
| Large  | Entity               |                                      | Entit                | у  |   |        | 1809            | 770         | 2809   | 385         | Filing a submission after final rejection (37 CFR § 1.129(a))                    |             |
| Fee<br>Code  | Fee<br>(\$)          | Fee<br>Code                          | Fee<br>(\$)          | Fee Descript                                   |   |        | 1810            | 770         | 2810   | 385         | For each additional invention to be examined (37 CFR § 1.129(b))                 |             |
| 1202   | 18                   | 2202                                 | 9                    | Claims in exc                                  |   |        | 4004            | 770         |  |             |  |             |
| 1201<br>1203   | 86<br>290            | 2201<br>2204                         | 43                   |  | claims in excess of 3                             |        | 1801            | 770         | 2801   | 385         | Request for Continued Examination (RCE)  |             |
| 1203   | 290<br>86            | 2204                                 | 145<br>43            | ** Reissue ind                                 | ndent claim, if not paid<br>lependent claims over |        | 1802            | 900         | 1802   | 900         | Request for expedited examination of a design application                        |             |
| 1205   | 18                   | 2205                                 | 9                    | original patent ** Reissue cla over original p | ims in excess of 20 ar                            | nd     | Other fo        | e (specify  | w)   |             |  |             |
|  |                      |                                      | s                    | UBTOTAL (2)                                    | (\$) 180  | 7      |                 |             |  | •           |  |             |
| **or numi  | ber previo           | usly paid, i                         | f oreater            | ;<br>For Reissues, se                          | e above   | J      | *Reduc          | ed by Ba    | sic Filin  | Fee Pa      | sid SUBTOTAL (3) (\$) 0  |             |

| SUBMITTED BY      |                   |                                   |        | Co        | omplete (if applicable) |
|-------------------|-------------------|-----------------------------------|--------|-----------|-------------------------|
| Name (Print/Type) | Keith G. Magaaway | Registration flo. Attorney/Agent) | 46,180 | Telephone | 202-344-8009            |
| Signature         | With Cot          | tole                              |        | Date      | December 12, 2003       |



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